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I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231.

April 5, 1999  
Date

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Date

Lawrence J. Teague

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : James B. Dale  
Application No. : 09/151,409  
Filed : September 10, 1998  
For : GROUP A STREPTOCOCCAL VACCINES  
Examiner : Li Lee, M.D., Ph.D.  
Art Unit : 1645  
Docket No. : 481112.410  
Date : April 5, 1999

Assistant Commissioner for Patents  
Washington, DC 20231

RESPONSE AND AMENDMENT TO THE  
COMMUNICATION FROM THE EXAMINER

Sir:

In response to the Communication from the Examiner dated March 3, 1999,  
please amend the application as follows:

In the Specification:

Please delete the Sequence Listing immediately following the Abstract of the Disclosure, and insert the enclosed Sequence Listing therefore.